

monoclonal antibody and a non-depleting anti-CD8 monoclonal antibody sufficient to induce said immunological environment within said human.

19. The method according to claim 18 wherein said antigen is selected from the group consisting of transplantation antigens, autoantigens and immunoglobulins.

*B'cont*  
20. The method according to claim 19 wherein said antigen is a transplantation antigen provided by an organ graft, a tissue graft or a bone marrow graft.

21. A method of treating a human in whom it is desired to induce an immunological environment permissive of tolerance to an antigen within said human, which method consists essentially of administering to said human an amount of a non-depleting anti-CD4 monoclonal antibody, a non-depleting anti-CD8 monoclonal antibody and of a depleting anti-CD4 monoclonal antibody or a depleting anti-CD8 monoclonal antibody sufficient to induce said immunological environment within said human,

wherein said depleting anti-CD4 monoclonal antibody or said depleting anti-CD8 monoclonal antibody is administered prior to said non-depleting anti-CD4 and anti-CD8 monoclonal antibodies.

22. A method of treating a human in whom it is desired to induce an immunological environment permissive of tolerance to an antigen within said human selected from the group consisting of transplantation antigens and immunoglobulins, which method consists essentially of administering to said human an amount of a non-depleting anti-CD4 monoclonal antibody sufficient to induce said immunological environment within said human.

23. The method according to claim 22 wherein said antigen is a transplantation antigen provided by an organ graft, a tissue graft or a bone marrow graft.

24. A method of treating a human in whom it is desired to induce an immunological environment permissive of tolerance to an antigen within said human which method consists essentially of administering to said human an amount of a non-depleting anti-CD4

monoclonal antibody and one or more immunosuppressive agents sufficient to induce said immunological environment within said human.

25. The method according to claim 24 wherein said antigen is selected from the group consisting of transplantation antigens and immunoglobulins.

B' cont 26. A method of inducing an immunological environment permissive of tolerance to an autoantigen, in a human in need of said induction, which method comprises administering to said human an amount of a non-depleting anti-CD4 monoclonal antibody sufficient to induce said immunological environment.

27. The method of claim 26 further comprising administering to said human a therapeutically effective amount of one or more immunosuppressive agents.

28. A method of treating an autoimmune disorder comprising administering to a human in need of said treatment an amount of a

non-depleting anti-CD4 monoclonal antibody sufficient to effect said treatment.

29. A method of treating an autoimmune disorder comprising administering to a human in need of said treatment an amount of a non-depleting anti-CD4 monoclonal antibody, or antibody binding site-containing fragment thereof, sufficient to effect said treatment.

B' cont  
30. A method of treating an autoimmune disorder comprising administering to a human in need of said treatment an amount of an anti-CD4 monoclonal antibody sufficient to induce a tolerance permissive environment so that said treatment is effected.

31. The method according to claim 28 or 30 wherein said autoimmune disorder is rheumatoid arthritis or multiple sclerosis.